

ORDER FOR SUPPLIES OR SERVICES										PAGE 1 OF 27	
1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. N65540-15-D-0005			2. DELIVERY ORDER/ CALL NO. N6449820FBB46		3. DATE OF ORDER/CALL (YYYYMMDD) 2020 Sep 25		4. REQ./PURCH. REQUEST NO. 1300893227		5. PRIORITY		
6. ISSUED BY NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6)(b) (6) (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)(b) (6) 5001 SOUTH BROAD STREET PHILADELPHIA PA 19112			CODE N64498		7. ADMINISTERED BY (if other than 6) CODE SEE ITEM 6				8. DELIVERY FOB <input type="checkbox"/> DESTINATION <input checked="" type="checkbox"/> OTHER (See Schedule if other)		
9. CONTRACTOR GENERAL DYNAMICS INFORMATION TECHNOLOGY, GDIT NAME AND ADDRESS [REDACTED] 3100 PARKVIEW PARK DR STE 100 FALLS CHURCH VA 22042-4504			CODE 07MU1		FACILITY		10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE		11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED		
							12. DISCOUNT TERMS		13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15		
14. SHIP TO NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE BLDG 542 PHILADELPHIA PA 19112			CODE N64498		15. PAYMENT WILL BE MADE BY CODE HQ0338 DFAS COLUMBUS CENTER, SOUTH ENTITLEMENT O P.O. BOX 182264 COLUMBUS OH 43218-2264				MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.		
16. TYPE OF ORDER		DELIVERY/ CALL		<input checked="" type="checkbox"/> X		This delivery order/call is issued on another Government agency or in accordance with and subject to terms and conditions of above numbered contract.					
		PURCHASE				Reference your quote dated Furnish the following on terms specified herein. REF:					
ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.											
NAME OF CONTRACTOR			SIGNATURE			TYPED NAME AND TITLE			DATE SIGNED (YYYYMMDD)		
<input type="checkbox"/> If this box is marked, supplier must sign Acceptance and return the following number of copies:											
17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE See Schedule											
18. ITEM NO.		19. SCHEDULE OF SUPPLIES/ SERVICES				20. QUANTITY ORDERED/ ACCEPTED*		21. UNIT	22. UNIT PRICE	23. AMOUNT	
		SEE SCHEDULE									
* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.						24. UNITED STATES OF AMERICA (b) (6)(b) (6)(b) (6)(b) (6) (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)(b) (6) (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)(b) (6)		(b) (6)		25. TOTAL \$475,969.67	
27a. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED						CONTRACTING / ORDERING OFFICER		26. DIFFERENCES			
b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE						c. DATE (YYYYMMDD)		d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE			
e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE						28. SHIP NO.		29. DO VOUCHER NO.	30. INITIALS		
f. TELEPHONE NUMBER		g. E-MAIL ADDRESS				<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY	33. AMOUNT VERIFIED CORRECT FOR		
36. I certify this account is correct and proper for payment.						31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL			34. CHECK NUMBER		
a. DATE (YYYYMMDD)		b. SIGNATURE AND TITLE OF CERTIFYING OFFICER							35. BILL OF LADING NO.		
37. RECEIVED AT		38. RECEIVED BY		39. DATE RECEIVED (YYYYMMDD)		40. TOTAL CONTAINERS		41. S/R ACCOUNT NO		42. S/R VOUCHER NO.	

Section B - Supplies or Services and Prices

FULLY FUNDED

This Award has hereby been fully funded in the amount [REDACTED]. As a result, the total amount of funding obligated and available for payment under this order is [REDACTED]. It is estimated that the funding under this order will cover the cost of performance through 23 July 2021. In accordance with contract clause 52.232-22, Limitation of Funds, the Government is not obligated to reimburse the contractor for an costs incurred in excess of [REDACTED].

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003	Engineering and Technical Services CPFF				[REDACTED]
				ESTIMATED COST	[REDACTED]
				FIXED FEE	[REDACTED]
				TOTAL EST COST + FEE	[REDACTED]

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AA	Holding SLIN for CLIN 0003 CPFF	1	Lot		NSI
	This prired SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. The total unfunded ceiling on CLIN 0003 is [REDACTED]				
	FOB: Destination				
	PSC CD: R425				
				ESTIMATED COST	[REDACTED]
				FIXED FEE	[REDACTED]
				TOTAL EST COST + FEE	[REDACTED]

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0003AB	Funding for CLIN 0003 CPFF FOB: Destination PURCHASE REQUEST NUMBER: 1300883227 PSC CD: R425	1	Lot		
				ESTIMATED COST FIXED FEE	
				TOTAL EST COST + FEE	
	ACRN AA CIN: 130088322700001				

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004	Support Costs COST				
				ESTIMATED COST	

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AA	Holding SLIN for CLIN 0004 COST This priced SLIN is a holding SLIN for administrative purposes. This SLIN will be reduced with every additional incremental funding modification. The total unfunded ceiling on CLIN 0004 is FOB: Destination PSC CD: R425	1	Lot		NSI
				ESTIMATED COST	\$0.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004AB	Funding for CLIN 0004 COST NOTE: The requirements in DFARS 252.211-7003, Item Identification and Valuation, are applicable for this line item. The contractor shall provide DoD unique identification or a DoD recognized unique identification equivalent. FOB: Destination PURCHASE REQUEST NUMBER: 1300883227 PSC CD: R425	1	Lot		
	ACRN AA CIN: 130088322700002			ESTIMATED COST	

Section C - Descriptions and Specifications

STATEMENT OF WORK



Philadelphia

**DDG MODERNIZATION BACKFIT
(DDGM BF) TECH REFRESH**

DDG 103 (USS TRUXTUN)

STATEMENT OF WORK

N65540-15-D-0005

N6449820FBB46

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5/14/2020

BACKGROUND:

The Naval Surface Warfare Center Philadelphia Division (NSWCPD), in support of the US Navy's DDG Modernization Program requires tech refresh alterations to be completed onboard USS TRUXTUN (DDG 103).

1. SCOPE:

- 1.1. Provide labor, material, installation, and testing support services to accomplish the following on TRUXTUN (DDG 103):
 - S/A 93978 – TANO RSC Replacement
 - S/A 94418 – Install FCS FOLPC

2. REFERENCES

- 2.1. NAVSEA Standard Items (NSIs) FY20 (or latest version)
- 2.2. DDGM BF Tech Refresh Upgrade Schedule for DDG 103
- 2.3. SHIPALT DDG-51-93978, 180-8826059 REV A, DDG TANO REPAIR STA CSL REPLACE STRL FDN MODS & ML
- 2.4. SHIPALT DDG-51-93978, 431-8826060 REV A, DDG TANO REPAIR STA CSL REPLACE CNSLD ELEC MODS & ML
- 2.5. RLAR 93978/DDG/103/1190097 Revise Pilot House RSC Fdn
- 2.6. SHIPALT DDG-51-94418, 438-8818255 REV A, INSTALL DDG FCS FOLPC HDW UPGRADE ELEC & STRL MODS & ML
- 2.7. LAR 94418/DDG103/1190330 Drawing Materials Source Update
- 2.8. 4720-DDG 103/FY21, Ship Alteration Material Summary (4720/3)
- 2.9. AIT Support Services Request for DDG 103
- 2.10. DDG Mod Tech Refresh Asset Recovery List (DDG 103)
- 2.11. MIL-STD-2003, Department of Defense Standard Practice Electric Plant Installation Standard Methods (EPISM) for Surface Ships and Submarines
- 2.12. MIL-STD-1310, Department of Defense Standard Practice Shipboard Bonding, Grounding and Other Techniques for Electromagnetic Compatibility, Electromagnetic Pulse (EMP) Mitigation and Safety
- 2.13. MIL-DTL-22520G, General Specification for Crimping Tools and Wire Termination
- 2.14. MIL-STD-2035, Non Destructive Test Acceptance Criteria
- 2.15. MIL-STD-1689, Fabrication, Welding and Inspection; Structural
- 2.16. 8100-3513-0060 REV AD Standard Methods for Mounting ELEC EQUIP less than 75 LBS
- 2.17. 8100-1281-0223 – Access Panels
- 2.18. 8100-2400-0013 – Penetration Water Shield for Non-Tight Flats
- 2.19. 605-2540769 Rev D, Label Plate Standards
- 2.20. NAVSEA 9090-310G SHIPALT by Alteration Installation Team NSWCPD Installation
- 2.21. S0400-AD-URM-010/TUM, Tag-Out User's Manual
- 2.22. S0570-AC-CCM-010/8010 Rev A, Industrial Ship Safety Manual for Fire Prevention and Response

3. REQUIREMENTS:

- 3.1. The AIT shall take guidance only from the AIT Manager and the OSIC for this installation. If other parties [In Service Engineering Agent (ISEA), Ship Manager Representative (SMR), Shipyard, etc.] request services outside the scope of work, please refer them to the AIT Manager or OSIC.
- 3.2. The AIT shall provide a single point of contact as the On-Site AIT Lead. The AIT Lead shall coordinate with the waterfront team to include the OSIC, SMR, PMR, and LMA. The AIT Lead shall also coordinate with any of the AIT's subcontractors to ensure proper team efficiency and reporting.
- 3.3. The AIT shall be responsible for coordinating with government representative in order to remain current on the status of all additional LAR/RLAR actions, as well as any SID revisions, that may impact the Ship Installation Drawing (SID) references and requirements of this SOW.
 - 3.3.1. Conduct a technical review of all existing and new LAR/RLAR releases and/or SID revisions to determine relevance to this SOW.
 - 3.3.2. Develop and submit a cost estimate (both addition and subtraction of cost) to implement any additional LAR/RLAR changes and/or SID revisions that impact requirements of this SOW.
- 3.4. The AIT shall accomplish all of the requirements of S/A 93978 onboard DDG 103, using References 2.3 through 2.5, and any associated references for guidance.
- 3.5. The AIT shall accomplish all of the requirements of S/A 94418 onboard DDG 103, using References 2.6 through 2.7 and any associated references for guidance.
- 3.6. The AIT shall complete all requirements and adhere to the schedule Referenced in 2.2 for the installation of the alterations listed in Paragraph 1.
- 3.7. In order to provide an accurate quote, the AIT shall review 2.3 through 2.7 in order to gain a complete understanding of quantity and type of Installing Activity Furnished (IAF) and consumable materials required to complete the installations on the USS TRUXTUN (DDG 103).
- 3.8. The AIT must practice proper housekeeping and ensure removal of all trash from working areas at the end of each shift. Electronic spaces are required to be vacuumed at the end of each shift.

3.9. Demolition

- 3.9.1. Abatement for Hazardous materials shall be performed by the LMA prior to start of all AIT work. This includes asbestos, lead paint, chromium, zinc and any other NSIs that may be invoked or required.
- 3.9.2. All scrap material shall be disposed of following local requirements.
- 3.10. Accomplish equipment asset recovery detailed in the Asset Recovery List, Reference 2.9. Accomplish equipment/component removal and protective packing, utilizing ground straps and anti-static bags. Accomplish packing, crating, and shipping of removed equipment and components to the designated POCs as directed by SMR.
 - 3.10.1. Material shall be individually labeled with the following information marked clearly and visibly: Stock Number, Manufactures Part Number, removed from Hull number (Ex. Removed from DDG-103)
 - 3.10.2. Like material shall be packaged together for shipment with final packaging reflecting the following: Stock Number, Manufacturers Part Number, removed from Hull number (Ex. Removed from DDG-103), Quantity of Units/Items inside
 - 3.10.3. All material shall be listed on the outside of each package with the complete part number and stock number if available
 - 3.10.4. A copy of the DD-1149 shall be sent electronically prior to shipment to the following recipients: (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)
 - 3.10.5. Package shall be labeled/re-labeled and shipped to the below address:
Receiving Officer FISC
Philadelphia Naval Business Center
1601 Langley Avenue Building 542E
Philadelphia, PA 19112
(b) (6)(b) (6)(b) (6)(b) (6)
(b) (6)(b) (6)(b) (6)
- 3.11. The AIT must use proper containment methods during all hot work to reduce the risk of incidents during the availability.
- 3.12. The AIT shall open, close, and test each multiple cable transit as required to accomplish the requirements of this Statement of Work.
- 3.13. The AIT shall protect all equipment mounted for the alterations listed in paragraph 1 to prevent any damage during installation. Protection shall include fire retardant plastic, plywood or other material as needed.
- 3.14. The AIT shall install electrical and fiber components in accordance with references 2.1, and 2.11 through 2.13.

- 3.15. The AIT shall ground and bond equipment in accordance with Reference 2.12.
- 3.16. The contractor shall maintain the Ship's Permanent Fire Zone Boundaries, IAW reference 2.22, to the extent practicable throughout the availability. This includes maintaining the capability of fire insulation where installed, fire-rated penetrations such as multi-cable transits (MCTs) and pipe penetrations, fume-tightness of the boundary, etc. At a minimum, the contractor shall seal these MCTs and pipe penetrations with fire retardant cloth when not actually installing cables or pipe through the MCTs or penetrations and at the end of each work shift.
- 3.17. The AIT shall accomplish the requirements of Standard Item 009-71 and 009-107 for new and disturbed piping systems.
- 3.18. The AIT shall accomplish the requirements of Standard Item 009-32, 009-11, and 009-26 of reference 2.1 for new and disturbed surfaces, lagging and insulation, and deck covering respectively.
- 3.19. The AIT shall manufacture all wire markers and label plates prior to start of work in accordance with the NAVSEA FY 20 (or latest version) Standard Items and Reference 2.19. Wire markers shall be typed, not hand written. Cable tags shall contain the cable ID number and connector jack number (if applicable) at each end of the cable. The AIT shall manufacture and install new cable tags with associated jack numbers on all legacy cables that are reattached.
- 3.19.1. All label plates shall be installed in accordance with Reference 2.19 and all applicable SIDs.
- 3.19.2. All permanently installed cables shall have permanent cable tags installed at the termination points and on both sides of decks and/or bulkheads IAW Reference 2.11.
- 3.19.3. Due to the numerous AITs onboard the ship, opportunity exists for temporary cable ID tags to be unintentionally misplaced. Ensure that all temporary cable ID tags (if utilized) are of a type that will remain attached until permanent cable ID tags are installed.
- 3.20. Cable Tracking Database Requirements (CDRL A016):
- 3.20.1. The AIT shall submit written/typed report to the SMR, OSIC, and the AIT Manager at the end of each shift.

- 3.20.2. The AIT shall update the Cable Tracking Database daily to reflect the status of the continuity tests of each electrical/coax conductor in accordance with Reference 2.1, 009-73.
- 3.20.3. Using the Cable Tracking Database, the AIT shall ensure that all wire markers, cable tags, cable cut sheets, and required material for the termination and quality control of each cable is kitted at least seven (7) days prior to the start of the availability.
- 3.21. The AIT shall provide copies of the Condition Reports to the OSIC, AIT Manager, and SMR as conditions are noted and compilation of all reports at the completion of the installation. All Condition Reports must be submitted with 24 hours of an incident occurring or condition being found. Any Condition Reports that effect the original terms and conditions of the task order requirements must be submitted with an estimate within three days of the incident occurring or condition being found.
- 3.22. All unused or excess IAF material shall be turned over to NSWCPD or their representative at the completion of the installation.
- 3.23. The AIT shall provide support to the ISEA for troubleshooting during the testing phase and software load as scheduled in Reference 2.2.
- 3.24. The AIT shall provide transportation of GFM/GFE from LMA's warehouse to job site.
- 3.25. The AIT shall attend a pre-construction meeting at NSWCPD with code 251. NSWCPD shall supply the conference room. The date shall be agreed upon after award, but will targeted for A-60 from the availability.
- 3.25.1. AIT shall deliver presentation to include:
- Cable Tracking Matrix with full functionality
 - POA&Ms integrated with Cable Tracking Matrix
 - Work Breakdown Structure (WBS)
 - Manning Plan
 - Financial Report Formatting
 - Material Tracker
 - Create a Flexible Resource Management Plan
 - Demonstrate flexibility of work force
 - Demonstrate flexibility in redirecting tasking due to unforeseeable circumstances
 - Demonstrate plan to manage workforce to EVM metrics
 - Access badging
- 3.25.2. Other topics to be discussed at the pre-construction meeting include:
- Support services
 - Retrieving material from LMA's warehouse/material transportation
 - Material shipment

4. INFORMATION/MATERIAL/SERVICES:

4.1. Government Furnished Material:

4.1.1. All GFM listed in Reference 2.8 for S/A 93978 and S/A 94418 shall be provided to the AIT. The AIT shall take receipt, uncrate, and conduct receiving inspection with a Government Representative.

4.1.2. The local shipyard is managing and handling ALL the GFP.

4.2. AIT Furnished

4.2.1. The AIT shall provide all applicable Installing Activity Furnished (IAF) Material as detailed on the SIDs, References 2.3 through 2.7.

4.2.2. The AIT shall procure all miscellaneous, incidentals, and consumable material required to complete the installation.

4.2.3. All IAF, miscellaneous, incidentals, and consumable material shall be on-site at A-30.

5. SECURITY REQUIREMENTS

5.1. The Contractor is responsible for completing all required Government mandated training to maintain security and network access to government sites and IT systems to include but not limited to: Antiterrorism Level 1 Awareness; DoD Cyber Awareness Challenge;; Records Management in the DON: Everyone's Responsibility; Training and Readiness: The Active Shooter;; NAVSEA Introduction to Controlled Unclassified Information; Operations Security (OPSEC); NAVSEA Counterintelligence Training; Privacy and Personally Identifiable Information (PII) Awareness Training; NAVSEA Physical Security training; and Cybersecurity 101 Training . Certificates of successful completion shall be sent to the COR and as otherwise specified in the contract. Certificates of successful completion shall be sent to the COR and as otherwise specified in the contract.

5.2. In accordance with SECNAV M-5510.30 Chapters 5 and 6, all Contractor personnel that require access to Department of Navy (DON) information systems and/or work on-site are designated Non-Critical Sensitive/IT-II positions, which require an open investigation or favorable adjudicated National Agency Check (NACLC) by the Industrial Security Clearance Office (DISCO). Investigations should be completed using the SF-86 Form and the SF-87 finger print card. An interim clearance can be granted by the company Security Officer and recorded in the Joint Personnel Adjudication System (JPAS). An open or closed investigation with a favorable adjudication is required prior to issuance of a badge providing access to NSWCPD sites

- and buildings. If an unfavorable adjudication is determined by DISCO all access will be terminated. For Common Access Card (CAC) card you must have a completed investigation that has been favorably adjudicated or a final security clearance. A CAC Card will not be issued to contractors who have an interim security clearance.
- 5.3. Contractor personnel that require a badge to work on-site at one of the NSWCPD sites must provide an I-9 form to verify proof of citizenship. The I-9 form should be signed by the company Facility Security Officer or the company Human Resource Department. In addition to the I-9 form, Contractors shall also bring their birth certificate, current United States Passport or naturalization certificate and state issued ID to the NSWCPD Security Officer at the time of badge request to verify citizenship. Finally, contractors shall supply a copy of their OPSEC Training Certificate or other proof that the training has been completed.
- 5.4. Construction badges for contractor personnel that work on-site at one of the NSWCPD sites will be good for 60 days.
- 5.5. A Facility Access Determination (FAD) will be completed on any contractor that does not have a favorable adjudicated investigation in JPAS and is requesting swipe/non-swipe access to our buildings in excess of 120 days. Any contractor that has unfavorable information that has not been favorably adjudicated by Department of Defense Central Adjudication Facility (DOD CAF) will not be issued a badge.
- 5.6. This effort may require access to classified information up to the CONFIDENTIAL level. No classified data will be generated or stored by the Contractor. The Contractor is required to have and maintain a CONFIDENTIAL clearance. The requirements of the attached DD Form 254 apply.
- 5.7. The Contractor shall appoint a Facility Security Officer (FSO), who shall (1) be responsible for all security aspects of the work performed under this contract, (2) assure compliance with the National Industrial Security Program Operating Manual (NISPOM) (DOD 5220.22-M), and (3) assure compliance with any written instructions from the work site Security POC.
- 5.8. The Prime Contractor shall:
- 5.8.1. Forward signed copies of DD254s provided to subcontractors to the Naval Surface Warfare Center Philadelphia Division (NSWCPD), ATTN: Security.
- 5.8.2. Direct the subcontractor to obtain approval, through the prime Contractor, for the public release of information received or generated by the sub through the prime Contractor.
- 5.8.3. Submit the subcontractor request for public release through the technical point of contact identified on the DD 254.

- 5.9. The planned utilization of non-U.S. Citizens in the performance of this contract effort must be identified by name and country of citizenship in the proposal. Foreign Nationals shall not be allowed access to classified or critical program information unless approved on a case by case basis by DSS.

6. DELIVERABLES:

- 6.1. As required by 009-60 of Reference 2.1, the AIT shall provide a detailed installation schedule (MS Project POA&M) that supports the availability milestones and the equipment turnover dates detailed in References 2.2 through 2.2, two weeks after award of contract. The AIT will update this POA&M on a weekly basis and more frequently as schedules change, workflow problems occur, or other conditions warrant. This POA&M shall be provided to Ship's Force, LMA, Regional Maintenance Centers (RMCs), NSWCPD representatives, and other activities as necessary to ensure that proper support is available and interference or delays are minimized. The updated POA&M shall be submitted to NSWCPD personnel no later than noon the day prior to the RMC weekly progress meeting. **(CDRL A003)**
- 6.2. Using NAVSEA Standard Item 009-004 and Reference 2.20, the AIT shall develop a QA Workbook to be maintained and updated on-site for each of the alterations listed in Paragraph 1. Hard copies of the QA Workbook for NSWCPD review shall be provided to the AIT no later than sixty (60) days after award. This Workbook shall be used to keep an in-process record of Quality Control Inspections and be provided to NSWCPD for review, within sixty (60) days of contract award. A completed copy of the QA Workbook shall be provided to NSWCPD Personnel within two weeks after completion of each ship's installation. **(CDRL A004)** The QA Workbook shall be formatted as follows:
- Section 1 – Alteration Description
 - Section 2 – Personnel Qualifications and Certifications
 - Section 3 – Procedures Objective Quality Evidence (OQE)
 - Section 4 – Installation POA&M
 - Section 5 – Ship Installation Drawing (SID) List
 - Section 6 – Test and Inspection (T&I) Plan – This plan should identify areas requiring In-Process inspections by annotating steps as Inspection (I), Verification (V), or Government (G) Points. This plan shall also incorporate all testing requirements.
 - Section 7 – Test & Inspection Records
- 6.3. A Financial Status Report shall be assembled by the AIT and submitted to the NSWCPD AIT Manager, once every two weeks, no later than noon the day prior to the weekly progress meeting. This report shall include weekly projected burn rates for the execution of the tasks as well as an Estimated Cost to Completion. This report shall

- also include Earned Value Management (EVM) metrics: Cost Performance Index (CPI) and Schedule Performance Index (SPI). **(CDRL A002)**
- 6.4. The AIT shall attend all daily/weekly production meetings and the daily safety walkthrough as well as provide weekly physical progress report detailing the installation status to the OSIC and SMR no later than noon the day prior to the weekly progress meeting during the installation and testing phases. **(CDRL A007)**
- 6.5. Prior to start of the availability and utilizing the SIDs, GFM list (Reference 2.8), and the Tech Refresh Turnover Schedules (References 2.2), the AIT shall develop a material tracking list for the USS TRUXTUN (DDG 103) detailing material required (GFM & IAF) to complete the installation and testing. This database shall include material nomenclature, GFM, IAF status, part number, quantity, location, tracking number, and person issued to. This database shall be updated weekly or as material status changes and submitted to NSWCPD Personnel. Upon completion of the installation, an electronic copy of this database shall be submitted to NSWCPD. The AIT shall maintain a list of all material issued to the ship using a DD-1149 Form. AIT shall provide copies of the DD-1149 Forms to NSWCPD OSIC or AIT Manager. **(CDRL A011)**
- 6.6. The AIT shall create a Microsoft Access/Excel Cable Tracking Database for the installation of all alterations on USS TRUXTUN (DDG 103). The database shall be used to detail the status of all hook-up sheets, wire markers, cable/coax/copper connections, and testing progress. The database shall be capable of compiling connection and test information into a connection/test report. This report shall include percentage of cables verified, continuity tested, insulation resistance tested, cut into equipment, connection completed, electrician completing hook-up and electrician completing continuity test. **(CDRL A016)**
- 6.6.1. The applicable section of the connection/testing report of 6.6 shall be posted on each piece of equipment (i.e. RSC, DIU, UCC etc.). During hook-up and testing, the electrician shall update this report to reflect progress of work accomplished on a daily basis.
- 6.6.2. This database shall be delivered to the SMR and OSIC seven working days prior to start of installation, daily during the core alteration installation and test meeting, and upon end of sea trials. The completed version of this database shall be provided to the SMR, OSIC, and AIT Manager at the completion of installation and testing.
- 6.7. The AIT shall turn over 2 sets of red-lined drawings to the AIT Manager or OSIC for all completed alterations on USS TRUXTUN (DDG 103) at the end of the availability within 14 days of completion. One set is a hard copy that will be delivered to the ship. The other set must be electronically sent to the AIT Manager. **(CDRL A008)**

7. PLACE OF PERFORMANCE

- 7.1. The anticipated location of installation is Norfolk, VA.
- 7.2. The Contractor shall provide a list of employees who require access to these areas, including standard security clearance information for each person, to the Contracting Officer Representative (COR) no later than three business days after the date of award. The work space provided to the Contractor personnel shall be identified by the Awardee, with appropriate signage listing the company name and individual Contractor employee name.
- 7.3. Access to Government buildings at Naval Surface Warfare Center Philadelphia Division is from 0600 to 1800 Monday through Friday, except Federal holidays. Normal work hours are from 0600 to 1800, Monday through Friday. Contractor employees shall be under Government oversight at all times. Government oversight requires that a Government employee be present in the same building/facility whenever Contractor employee(s) are performing work under this Task Order. Contractor personnel are not allowed to access any Government buildings at NSWCPD outside the hours of 0600 to 1800 without the express approval of the Procuring Contracting Officer (PCO).
- 7.4. Early Dismissal and Closure of Government Facilities when a Government facility is closed and/or early dismissal of Federal employees is directed due to severe weather, security threat, or a facility related problem that prevents personnel from working, onsite Contractor personnel regularly assigned to work at that facility should follow the same reporting and/or departure directions given to Government personnel. The Contractor shall not direct charge to the contract for time off, but shall follow its own company policies regarding leave. Non-essential Contractor personnel, who are not required to remain at or report to the facility, shall follow their parent company policy regarding whether they should go/stay home or report to another company facility. Subsequent to an early dismissal and during periods of inclement weather, onsite Contractors should monitor radio and television announcements before departing for work to determine if the facility is closed or operating on a delayed arrival basis.
- 7.5. When Federal employees are excused from work due to a holiday or a special event (that is unrelated to severe weather, a security threat, or a facility related problem), on site Contractors will continue working established work hours or take leave in accordance with parent company policy. Those Contractors who take leave shall not direct charge the non-working hours to the Task Order. Contractors are responsible for predetermining and disclosing their charging practices for early dismissal, delayed openings, and closings in accordance with the FAR, applicable cost accounting standards, and company policy. Contractors shall follow their disclosed charging practices during the Task Order period of performance, and shall not follow any verbal directions to the contrary. The PCO will make the determination of cost allowability for time lost due to facility closure in accordance with FAR, applicable Cost Accounting Standards, and the Contractor's established accounting policy.

- 7.6. The contractor shall ensure that each contractor employee who will be resident at NSWCPD completes the Environmental Management System (EMS) Awareness training within 30 days of commencing performance at NSWCPD. This document is available at: <https://navsea.navy.deps.mil/wc/pnbc-code10/Safety/default.aspx>
- 7.7. In accordance with C-223-W002, ON-SITE SAFETY REQUIREMENTS (NAVSEA), the contractor shall certify by e-mail to Paul Breeden (paul.breeden@navy.mil) that on-site employees have read the "Philadelphia Division Environmental Policy and Commitment" and taken the EMS Awareness training within 30 days of commencing performance at NSWCPD. The e-mail shall include the employee name, work site, and contract number.

8. SCHEDULE AND HOURS OF WORK

- 8.1. Installation schedule will be determined by the schedule of the USS TRUXTUN (DDG 103). The installation is tentatively scheduled for SRA2-1, 10/26/2020 through 04/23/2021.
- 8.2. The work hours shall be Monday through Saturday from 0600 to 1630. These hours may adjust based on progress during the installation.
- 8.3. In accordance with Clause 52.222-2, overtime is approved for the AIT in order to complete the installation and testing within the periods of ship availability. Coordination with the AIT Manager is required.

9. TRAVEL

- 9.1. Travel in support of this requirement is Norfolk, VA, and Philadelphia, PA.
- 9.2. The number of times the Contractor may be required to travel to each location cited above may vary as program requirements dictate, provided that the total estimated travel cost is not exceeded. The numbers of trips and types of personnel traveling shall be limited to the minimum required to accomplish work requirements. Actual cost, resulting from the performance of travel requirements, shall be reported as part of the Contractor's monthly status report. The reportable cost shall also be traceable to the Contractor's invoice
- 9.3. All travel shall be conducted in accordance with FAR 31.205-46, Travel Costs, and B-231-H001 Travel Cost (NAVSEA) and shall be pre-approved by the COR. The Contractor shall submit travel reports in accordance with DI-MGMT-81943 (CDRL A002).
- 9.4. The current "maximum per diem" rates are set forth in the (i) Federal Travel Regulations for travel in the Continental United States; (ii) Joint Travel Regulations for

Overseas Non-Foreign areas (e.g., Alaska, Hawaii, Guam, Puerto Rico, etc.); and (ii) Department of State (DOS) prescribed rates for foreign overseas locations.

10. CONTRACTING OFFICER'S REPRESENTATIVE (COR):

10.1. The COR for this contract is (b) (6)(b) (6)(b) (6)(b) (6)(b) (6)(b) (6)

11. SUBJECT MATTER EXPERT (SME):

11.1. The SME for this installation is (b) (6)(b) (6)(b) (6)(b) (6),
(b) (6)(b) (6)

12. PERIOD OF PERFORMANCE:

12.1. Date of Award through 07/23/2021.

13. PERSONNEL

13.1. Personnel Requirements. All persons proposed in key and non-key labor categories shall be U.S. citizens holding at least a current CONFIDENTIAL clearance, or ability to obtain one.

14. NSWCPD ELECTRONIC COST REPORTING AND FINANCIAL TRACKING (eCRAFT) SYSTEM (CDRL A001)

14.1. In accordance with Clause C-237-W001, the Contractor is required to upload their Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System.

14.2. The contractor agrees to provide supporting accounting system reports, at the Contracting Officer's request, based on the review of the invoice documentation submitted to eCRAFT. This documentation will include reports such as the Job Summary Report (or equivalent), Labor Distribution Report (or equivalent), and General Ledger Detail Report (or equivalent). Supporting labor data provided must include unburdened direct labor rates for each employee and labor category. Cost breakdowns for ODCs, Materials, travel and other non-labor costs must be at the transactional level in sufficient detail so the Government can review allocability to the contract/task order. Indirect costs allocated to direct costs must be shown at the lowest level of detail sufficient to reconcile each indirect rate to the appropriate allocation base.

14.3. On invoices containing subcontractor costs, the prime contractor agrees, at the Contracting Officer's request, to attach as supporting documentation all invoices received from subcontractors, unless the subcontractor submits invoices directly to the CO and COR. This requirement applies to all subcontract types (Cost, FFP, etc.). This requirement applies to all subcontract types (Cost, FFP, etc.). The Contractor is required to upload their Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting

and Financial Tracking (eCRAFT) System. The eCRAFT Reports must use the standardized labor categories identified in Section C – Statement of Work.

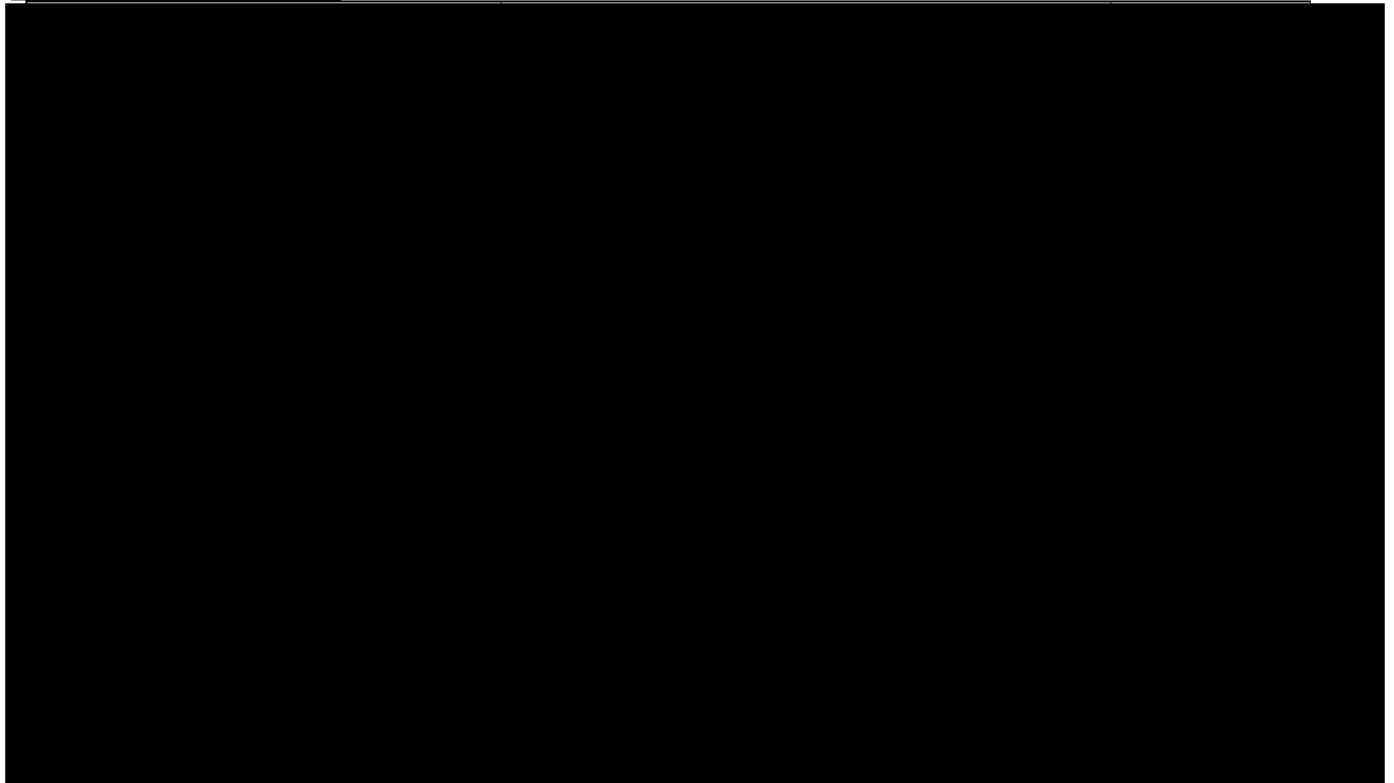
15. ENTERPRISE-WIDE CONTRACTING MANPOWERREPORTING APPLICATION (ECMRA)

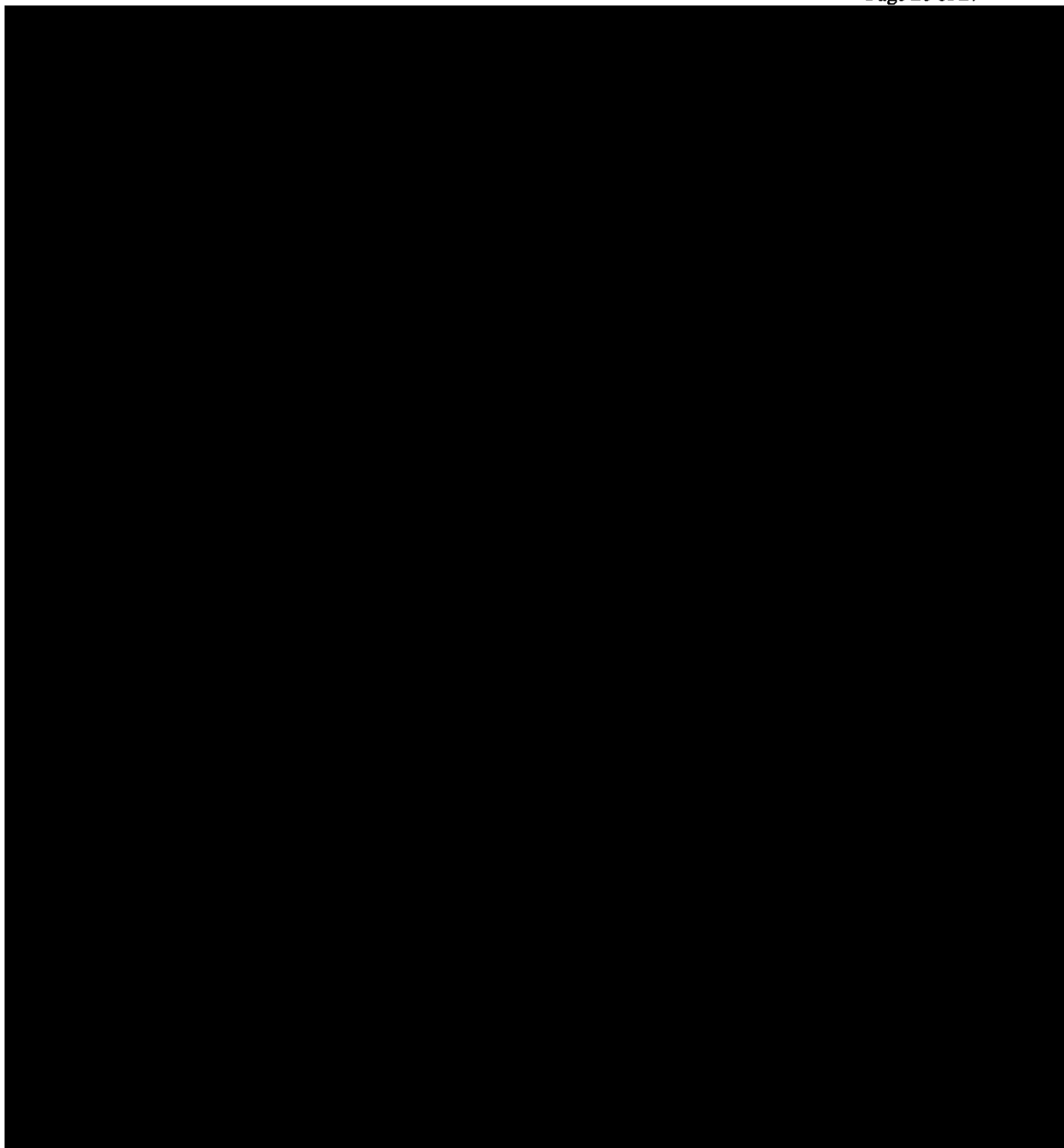
- 15.1. The Contractor is to report labor hours required for performance of services IAW Clause C-237-H001.
- 15.2. The Contractor is required to completely fill in all required data fields using the following web address <https://doncmra.nmci.navy.mil>.
- 15.3. Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://doncmra.nmci.navy.mil>.

16. RELEASE OF INFORMATION

All technical data provided to the contractor by the Government and/or by the contractor for the Government shall be protected from public disclosure in accordance with the markings contained therein. All other information relating to the items being delivered or services being performed under this delivery order may not be disclosed by any means without prior approval of the authorized representative of the contracting officer. Dissemination or public disclosure includes, but is not limited to: permitting access to such information by foreign nationals or by any other persons on entity, publication or technical or scientific, advertising, or any other proposed public release. The contractor shall provide adequate physical protection to such information so as to preclude access by any person or entity not authorized such access by the Government.

LEVEL OF EFFORT (LOE)





Section E - Inspection and Acceptance

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0003	N/A	N/A	N/A	N/A
0003AA	Destination	Government	Destination	Government
0003AB	Destination	Government	Destination	Government
0004	N/A	N/A	N/A	N/A
0004AA	Destination	Government	Destination	Government
0004AB	Destination	Government	Destination	Government

Section F - Deliveries or Performance

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	DODAAC / CAGE
0003	N/A	N/A	N/A	N/A
0003AA	POP 25-SEP-2020 TO 23-JUL-2021	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE BLDG 542 PHILADELPHIA PA 19112 (b) (6)(b) (6) FOB: Destination	N64498
0003AB	POP 25-SEP-2020 TO 23-JUL-2021	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498
0004	N/A	N/A	N/A	N/A
0004AA	POP 25-SEP-2020 TO 23-JUL-2021	N/A	NAVAL SURFACE WARFARE CENTER PHILA (b) (6)(b) (6)(b) (6) NSWC PHILADELPHIA DIVISION NSLC DETACHMENT 1601 LANGLEY AVE BLDG 542 PHILADELPHIA PA 19112 (b) (6)(b) (6) FOB: Destination	N64498
0004AB	POP 25-SEP-2020 TO 23-JUL-2021	N/A	(SAME AS PREVIOUS LOCATION) FOB: Destination	N64498

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 1701810 81GB 251 VU021 0 050120 2D 000000

COST CODE: A00005815254

AMOUNT: [REDACTED]

ACRN	CLIN/SLIN	CIN	AMOUNT
AA	0003AB	130088322700001	[REDACTED]
	0004AB	130088322700002	

Section I - Contract Clauses

CLAUSES INCORPORATED BY REFERENCE

52.204-25	Prohibition on Contracting for Certain Telecommunications and Video Surveillance Services or Equipment.	AUG 2020
52.232-22	Limitation Of Funds	APR 1984

CLAUSES INCORPORATED BY FULL TEXT

52.222-2 PAYMENT FOR OVERTIME PREMIUMS (JUL 1990)

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed [REDACTED] or the overtime premium is paid for work --

(1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdowns of production equipment, or occasional production bottlenecks of a sporadic nature;

(2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;

(3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or

(4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

(1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;

(2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;

(3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and

(4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

* Insert either "zero" or the dollar amount agreed to during negotiations. The inserted figure does not apply to the exceptions in paragraph (a)(1) through (a)(4) of the clause.

(End of clause)

CLAUSES INCORPORATED BY REFERENCE

52.223-18	Encouraging Contractor Policies To Ban Text Messaging While Driving	JUN 2020
52.232-18	Availability Of Funds	APR 1984
252.203-7000	Requirements Relating to Compensation of Former DoD Officials	SEP 2011
252.204-7012	Safeguarding Covered Defense Information and Cyber Incident Reporting	DEC 2019

CLAUSES INCORPORATED BY FULL TEXT

C-237-H001 ENTERPRISE-WIDE CONTRACTOR MANPOWER REPORTING APPLICATION (NAVSEA) (OCT 2018)

(a) The contractor shall report contractor labor hours (including subcontractor labor hours) required for performance of services provided under this contract for the Naval Surface Warfare Center Philadelphia Division (NSWCPD) via a secure data collection site. Contracted services excluded from reporting are based on Product Service Codes (PSCs). The excluded PSCs are:

- (1) W, Lease/Rental of Equipment;
- (2) X, Lease/Rental of Facilities;
- (3) Y, Construction of Structures and Facilities; (4) D, Automatic Data Processing and Telecommunications, IT and Telecom- Telecommunications Transmission (D304) and Internet (D322) ONLY;
- (5) S, Utilities ONLY;
- (6) V, Freight and Shipping ONLY.

(b) The contractor is required to completely fill in all required data fields using the following web address <https://www.ecmra.mil>.

(c) Reporting inputs will be for the labor executed during the period of performance during each Government fiscal year (FY), which runs October 1 through September 30. While inputs may be reported any time during the FY, all data shall be reported no later than October 31 of each calendar year. Contractors may direct questions to the help desk, linked at <https://dod.ecmra.support.desk@mail.mil>.

(End of text)

C-237-W001 ELECTRONIC COST REPORTING AND FINANCIAL TRACKING (eCRAFT) SYSTEM REPORTING (NAVSEA) (MAY 2019)

(a) The Contractor agrees to upload the Contractor's Funds and Man-hour Expenditure Reports in the Electronic Cost Reporting and Financial Tracking (eCRAFT) System and submit the Contractor's Performance Report on the day and for the same timeframe the contractor submits an invoice into the Wide Area Workflow (WAWF) module on the Procurement Integrated Enterprise Environment (PIEE) system. Compliance with this requirement is a material requirement of this contract. Failure to comply with this requirement may result in contract termination.

(b) The Contract Status Report indicates the progress of work and the status of the program and of all assigned tasks. It informs the Government of existing or potential problem areas.

(c) The Contractor's Fund and Man-hour Expenditure Report reports contractor expenditures for labor, materials, travel, subcontractor usage, and other contract charges.

(1) **Access:** eCRAFT: Reports are uploaded through the eCRAFT System Periodic Report Utility (EPRU). The EPRU spreadsheet and user manual can be obtained at: <http://www.navsea.navy.mil/Home/Warfare-Centers/NUWC-Newport/Partnerships/Commercial-Contracts/Information-eCraft/> under eCRAFT information. The link for eCRAFT report submission is: https://www.pdrep.csd.disa.mil/pdrep_files/other/ecraft.htm. If you have problems uploading reports, please see the Frequently Asked Questions at the site address above.

(2) **Submission and Acceptance/Rejection:** The contractor shall submit their reports on the same day and for the same timeframe the contractor submits an invoice in WAWF. The amounts shall be the same. eCRAFT acceptance/rejection will be indicated by e-mail notification from eCRAFT.

(End of text)

Section J - List of Documents, Exhibits and Other Attachments

CDRLS

The following CDRLs will be uploaded in EDA:

A001 – Status Reports

A002 – Financial Report

A003 – Plan of Attack & Milestones

A004 – Quality Assurance (QA) Workbook

A007 – H&ME Modernization

A008 – Red-lined Ship Install Drawings (SIDs)

A011 – Warehouse/Staging Inventory Report

A016 – Databases or other Electronic Documents